

Comparisons of Job Characteristics

Focus Occupation: [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

Associated Occupation: [Telecommunications Equipment Installers and Repairers, Except Line Installers \(49-2022\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 37

Focus Occupation: [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

Associated Occupation: [Telecommunications Equipment Installers and Repairers, Except Line Installers \(49-2022\)](#)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Telecommunications	3.9	19.3	3.5	<< Extensive education and/or training may be required
Computers and Electronics	8.4	15.4	3.9	<< Extensive education and/or training may be required
Mechanical	6.8	12.4	15.0	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

Associated Occupation: [Telecommunications Equipment Installers and Repairers, Except Line Installers \(49-2022\)](#)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Troubleshooting	4.5	11.8	9.3	< A higher skill level may be required
Quality Control Analysis	5.9	11.5	10.0	< A higher skill level may be required
Operation Monitoring	6.6	11.4	10.8	0 Current skill level may be sufficient
Repairing	3.4	10.6	9.4	< A higher skill level may be required
Equipment Maintenance	3.5	10.3	10.7	0 Current skill level may be sufficient
Operation and Control	5.4	10.0	10.5	0 Current skill level may be sufficient
Equipment Selection	3.3	9.2	8.7	0 Current skill level may be sufficient
Installation	1.7	7.7	5.8	<< Extensive development of skills in this area may be required
Programming	2.2	5.2	1.0	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 84			
Focus Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098) Associated Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Visual Color Discrimination	6.4	12.9	10.2	<	Some improvement in abilities may be required
Finger Dexterity	7.6	12.0	10.6	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.4	9.7	<	Some improvement in abilities may be required
Visualization	7.5	11.0	10.0	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	8.6	8.4	0	Current ability level may be sufficient
Gross Body Coordination	3.9	8.3	8.4	0	Current ability level may be sufficient
Glare Sensitivity	2.6	6.1	7.5	>	Current ability level is likely sufficient
Night Vision	2.1	5.9	5.1	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 77
Focus Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098) Associated Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)		
Work Activities	Exclusivity of Activity	
Apply cleaning solvents	41	
Clean equipment or machinery	20	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Install electronic equipment, components, or systems	62	
Lubricate machinery, equipment, or parts	59	
Move or fit heavy objects	8	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read blueprints	10	
Read work order, instructions, formulas, or processing charts	9	
Repair or replace electrical wiring, circuits, fixtures, or equipment	49	
Replace electronic components	63	
Understand service or repair manuals	40	
Understand technical operating, service or repair manuals	6	

Use hand or power tools

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Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Associated Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.